

Claims

1. Packaging machine comprising several workstations for the production of sealed, plastic packaging, comprising a machine frame (1) for receiving and fixing the workstations, characterised in that the machine frame (1) comprises parallel and spaced apart longitudinal elements (2, 12, 13, 15, 16, 18, 19, 25, 33) and, vertically to the longitudinal direction of the frame (1), transverse elements (3, 22, 28, 29) positively and/or non-positively connected to the longitudinal elements (2, 12, 13, 15, 16, 18, 19, 25, 33) and in that the workstations are mounted at least partially displaceably along the longitudinal elements (2, 12, 13, 15, 16, 18, 25) and arranged fixably thereon.
2. Packaging machine according to claim 1, characterised in that the length of the longitudinal elements (2, 12, 13, 15, 16, 18, 19, 25, 33) is reversibly variable.
3. Packaging machine according to any one of the preceding claims, characterised in that the longitudinal elements (2, 12, 13, 15, 16, 18, 19, 25, 33) are tubes, preferably with a rectangular or square cross-sectional area.
4. Packaging machine according to any one of the preceding claims, characterised in that the length of the longitudinal elements (2, 12, 13, 15, 16, 18, 19, 25, 33) is less than the length of the packaging machine.
5. Packaging machine according to either claim 3 or claim 4, characterised in that the longitudinal elements (2, 12, 13, 15, 16, 18, 19, 25, 33) are connected to the transverse elements (3, 22, 28, 29) by means of braceable clamping jaws (37, 39),
6. Packaging machine according to claim 5, characterised in that provided on the external side of the transverse elements and on the internal side of the clamping jaws are corresponding recesses that at least partially receive the longitudinal elements.
7. Packaging machine according to any one of the preceding claims, characterised in that the transverse elements comprise supports (28) shaped as U-profiles and preferably connected to each other by a sheet (61).

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8. Packaging machine according to any one of the preceding claims, characterised in that the workstation is a thermoforming, filling, sealing and/or cutting station.
- 5 9. Packaging machine according to any one of the preceding claims, characterised in that in the upper area of the machine frame it comprises two longitudinal elements, one lying a short distance above the other.
- 10 10. Method for the construction of a packaging machine according to any one of the preceding claims comprising the following steps:
- connection of longitudinal elements (2, 12, 13, 15, 16, 18, 19, 25, 33) and transverse elements (3, 22, 28, 29),
 - suspension, alignment and fixing of the workstations on the longitudinal elements.
- 15 11. Method for the alteration of part sections of the packaging machine according to any one of claims 1-9 comprising the following steps:
- disconnection of the connection fixing the workstation in question,
 - removal of the workstation to be replaced from the machine frame (1),
 - optionally insertion, alignment and fixing of a replacement workstation displaceably
- 20 mounted on the longitudinal elements, and
- optionally the displacement, alignment and fixing of the other workstations inside the existing machine frame (1).